



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Wednesday, March 6, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- No significant weather impacts expected.

## Thursday

- Critical fire weather conditions expected across S&E NM and W TX.

## Friday

- Marginal risk for severe storms (main threat is hail) over portions of SE OK/N TX.

## Saturday

- Severe thunderstorms are possible across AR, LA, E OK and E TX.
- Heavy rainfall/isolated flash flooding is possible across AR and N LA.
- Critical fire weather conditions possible across SE NM and W TX.

## Sunday

- No significant weather impacts expected.

## River Flooding

- Moderate to Major flooding will continue the next several weeks on the Mississippi River at many locations in E AR/E LA.
- The MS Flooding is slightly higher than 2016 & 1997.
- Rainfall this week is not expected to significantly impact the ongoing river flooding.

# FEMA Region 6 Threat Matrix

Mar 6, 2019 – Mar 10, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms			SE OK/NTX	AR/LA/E OK/ETX	
Heavy Rain / Flash Flooding				AR/N LA	
Winter Weather					
Fire Weather		S&E NM/WTX		SE NM/WTX	
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

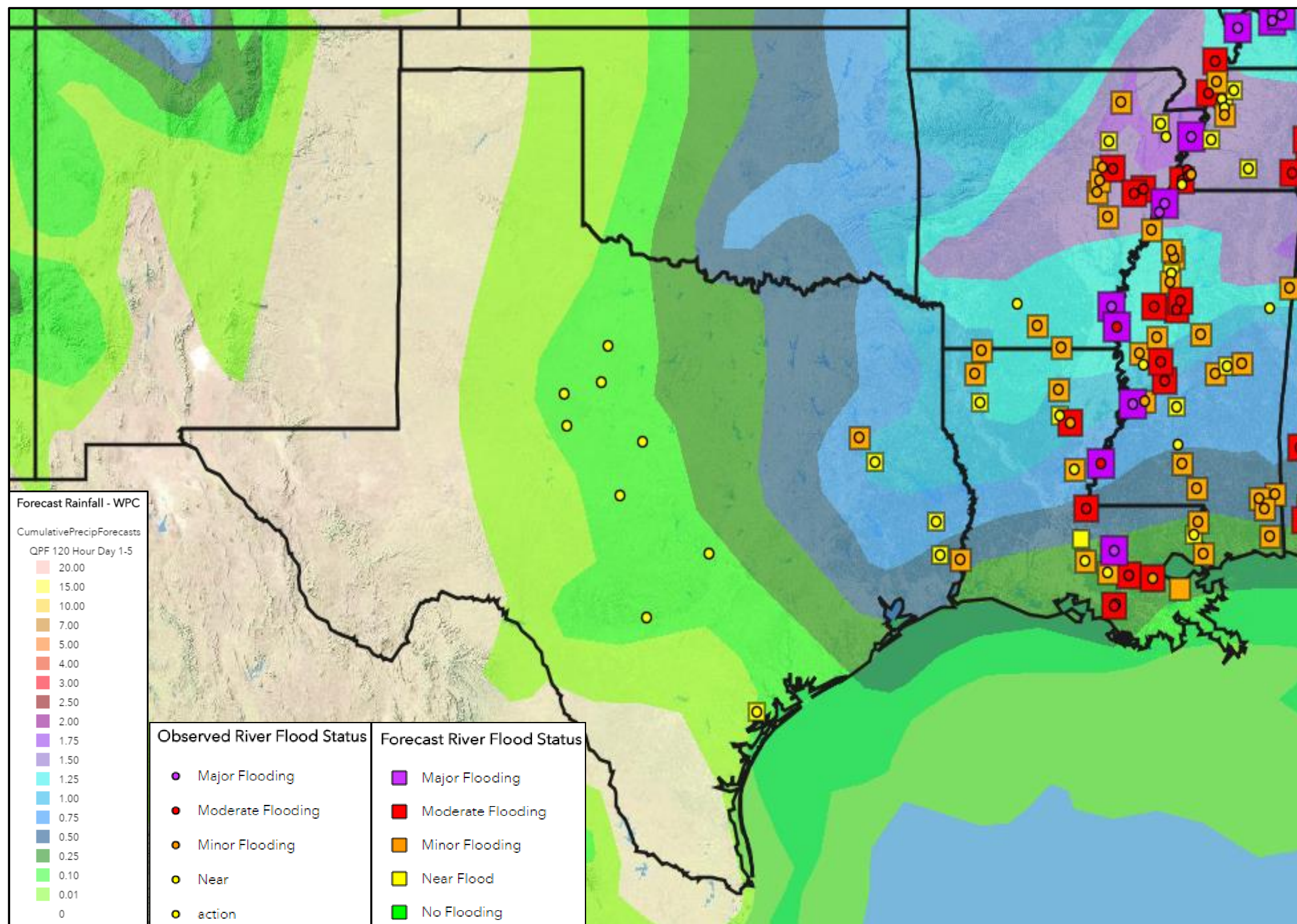


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major flooding will continue the next several weeks on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997. Rainfall the next 5 days is not expected to significantly impact the ongoing river flooding.**

## Arkansas

- **All rivers have crested except the MS River.**
- **Mississippi River at Osceola, Tunica Riverpark, and near Arkansas City remain at major flood, cresting today or over the next few days.**
- **Mississippi River near Greenville, MS is in moderate and forecast to rise a little bit and just each major flood by tomorrow and flat crest through the end of this week.**

## Louisiana

- **MS River at Baton Rouge is at Major flood and rising. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.**
- **MS River at Vicksburg and Natchez are at moderate flood stage rising to Major flood next week.**

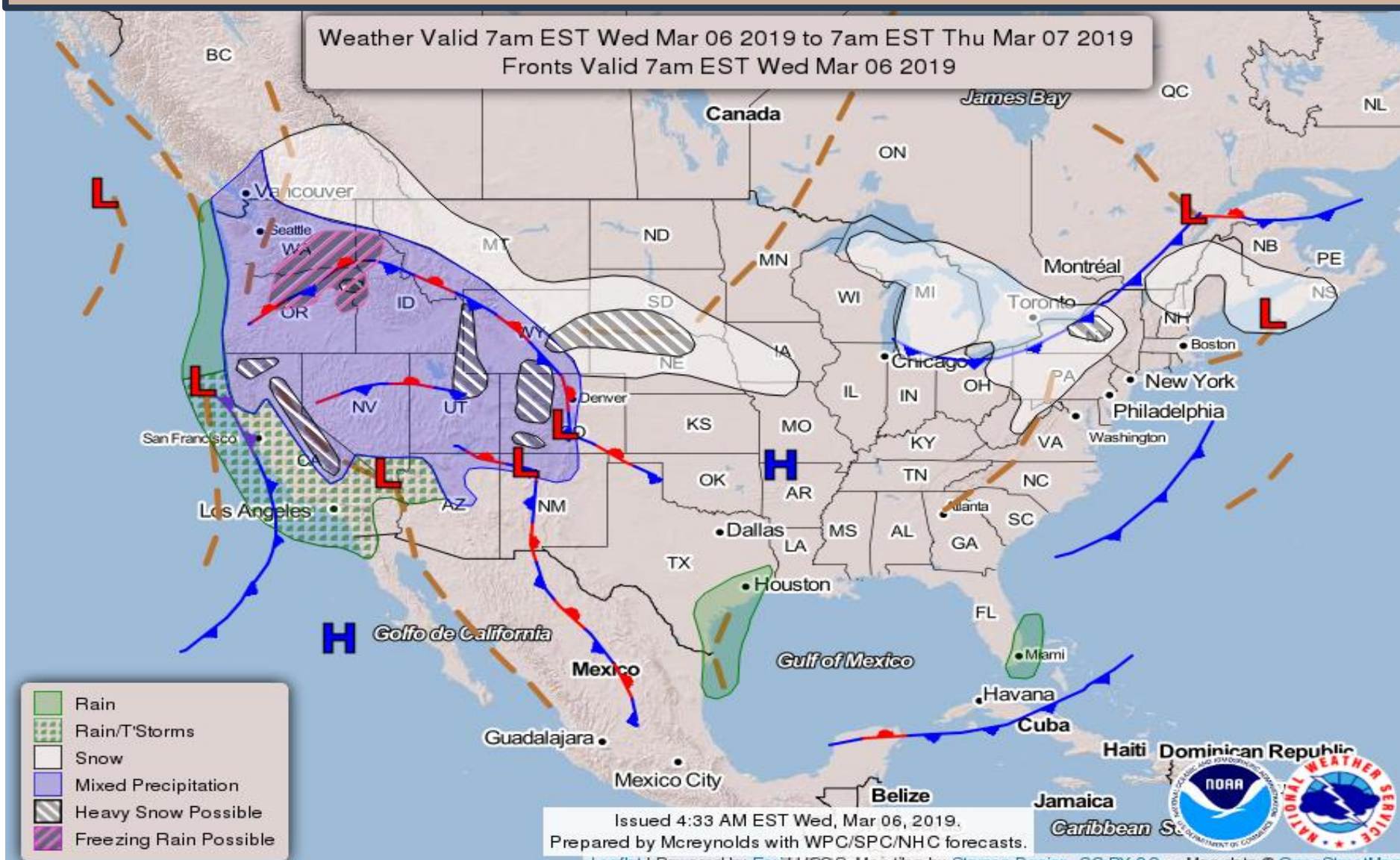


# Today's Weather

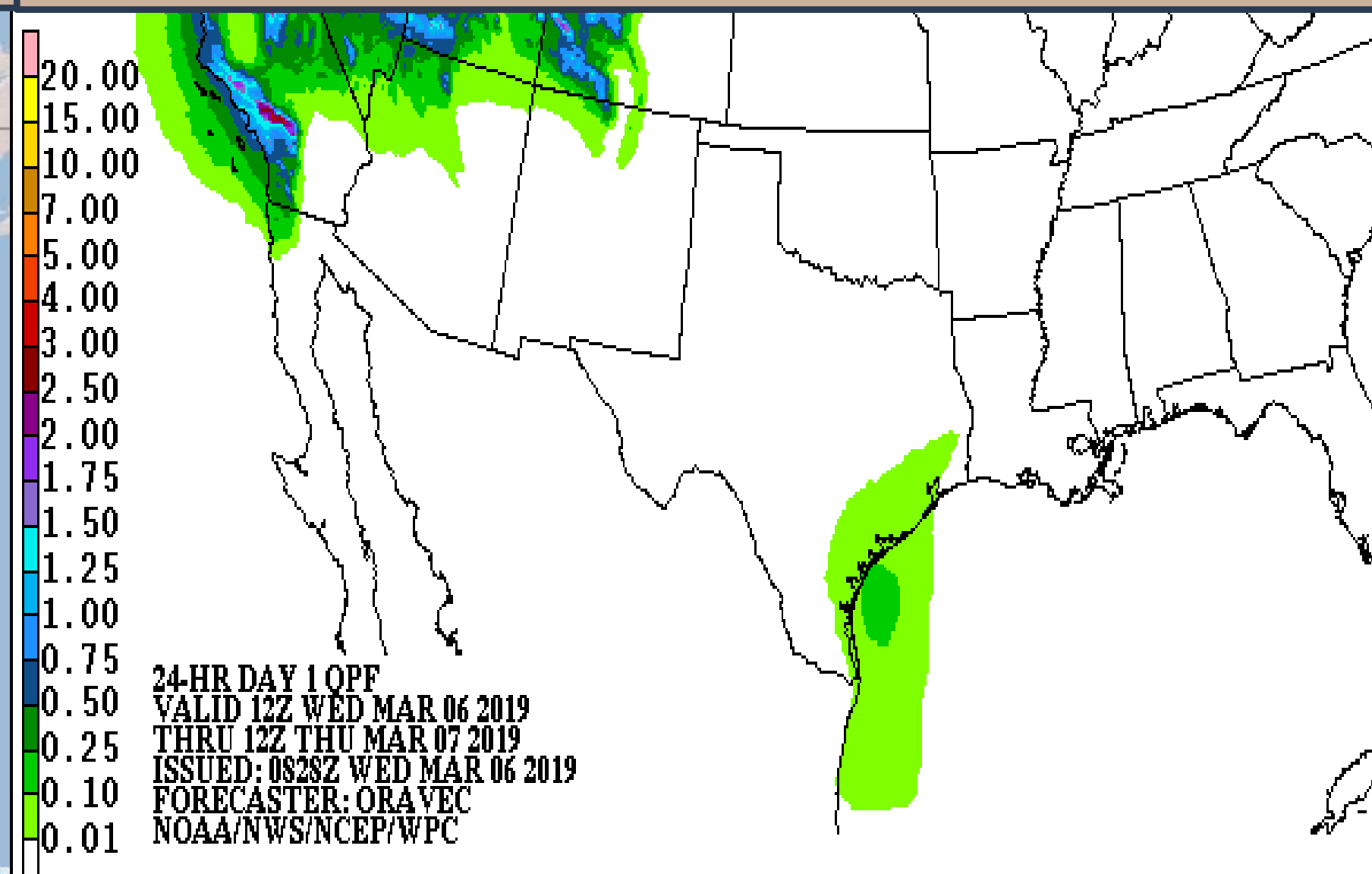


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# Forecast Chart

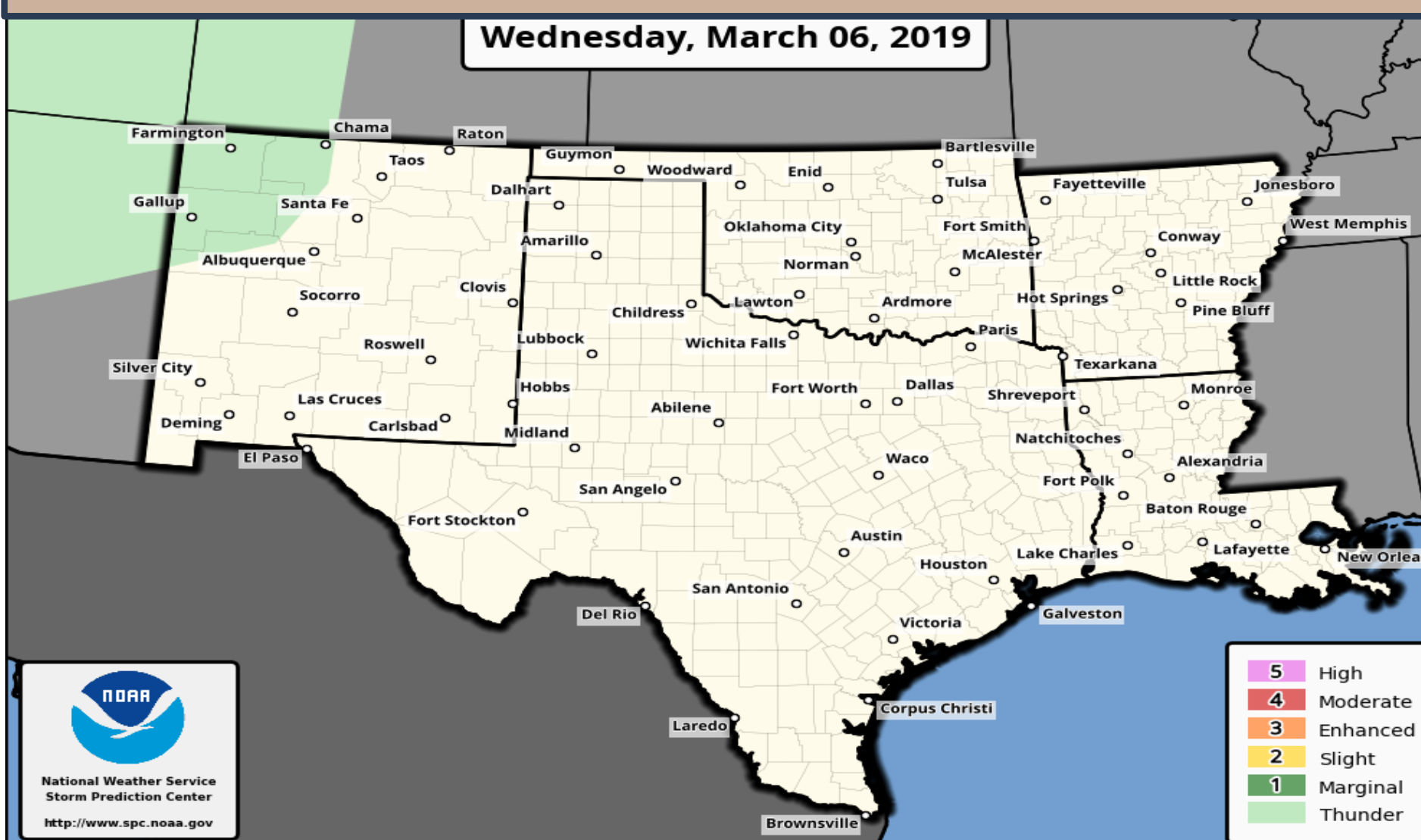


# Forecast Rainfall



**No significant weather impacts expected.**

# Severe Weather Outlook



## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



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## Fire Weather

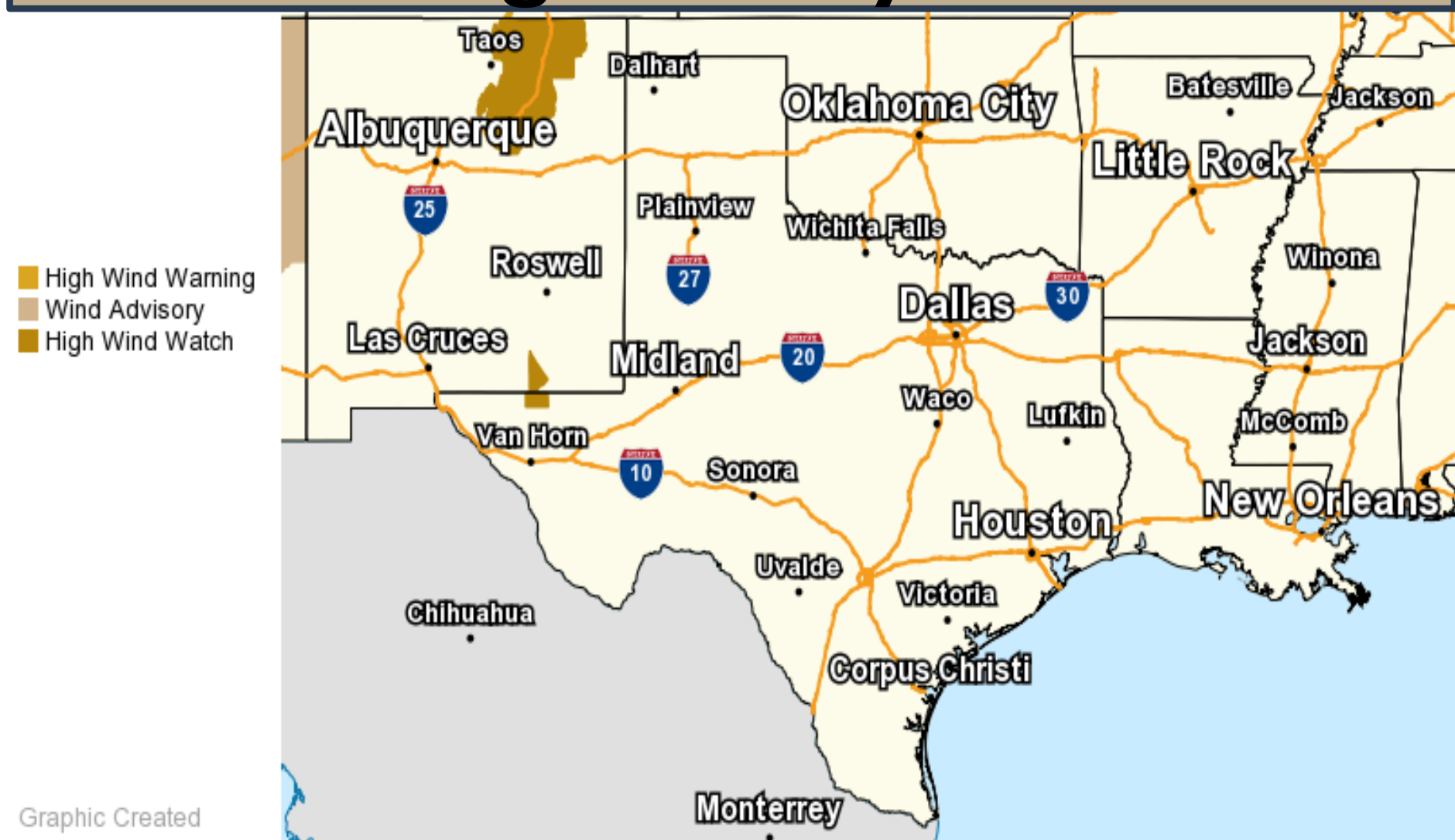


## Severe Weather & Flooding



**Fire Weather Watches across  
S & E NM and W TX for  
critical fire weather  
conditions expected  
tomorrow.**

## Strong & Gusty Winds



## Winter Weather





# Tomorrow's Weather

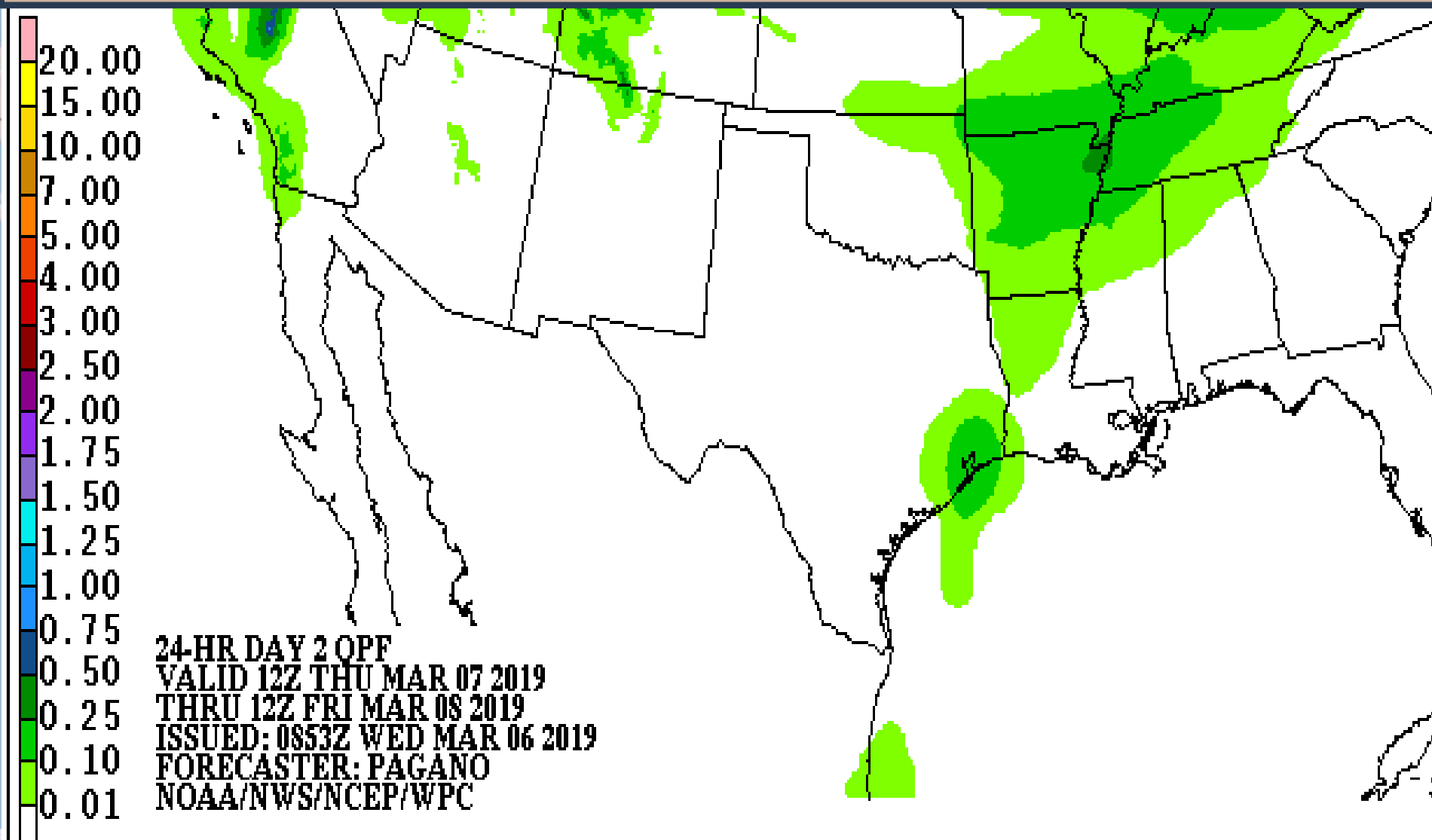
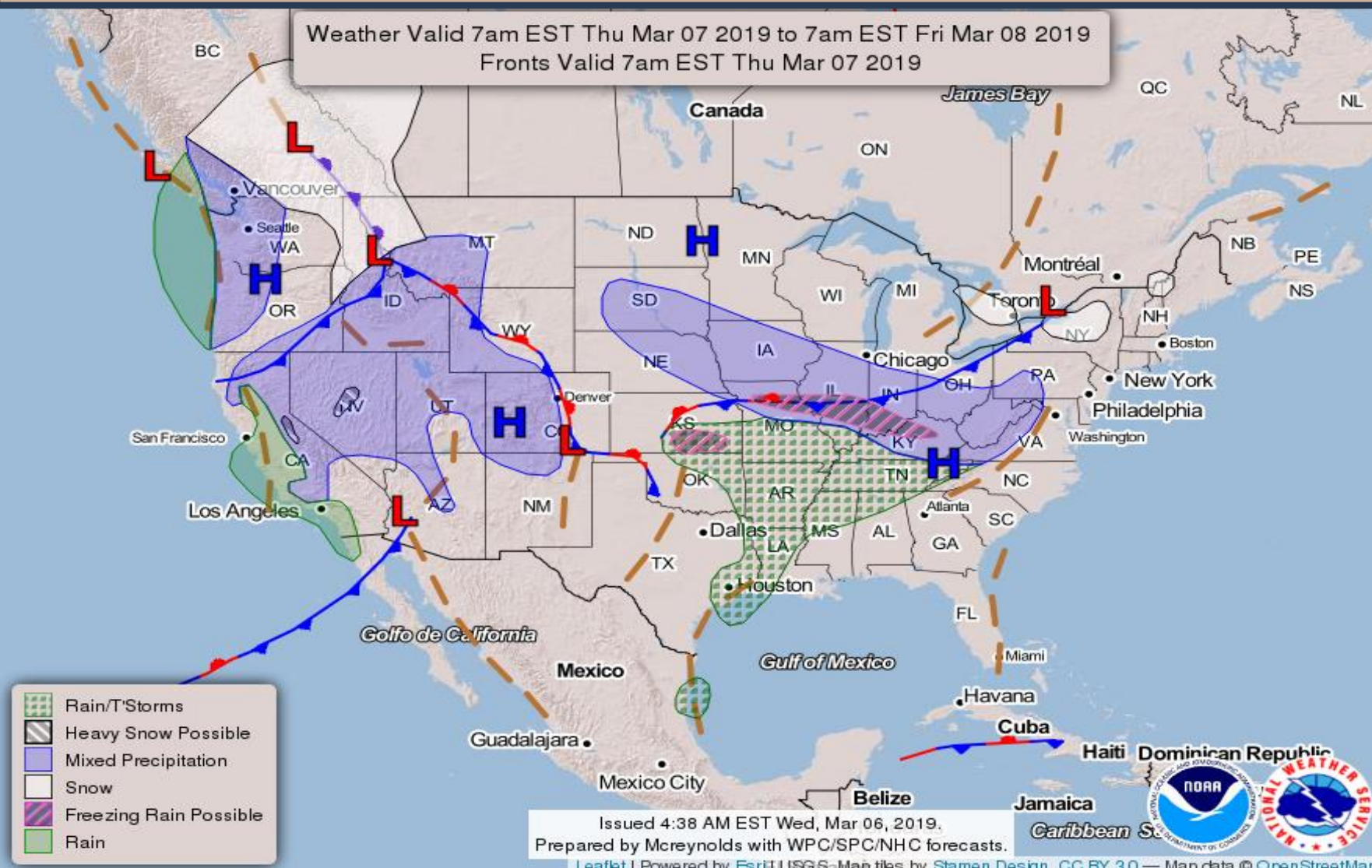


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## Forecast Chart

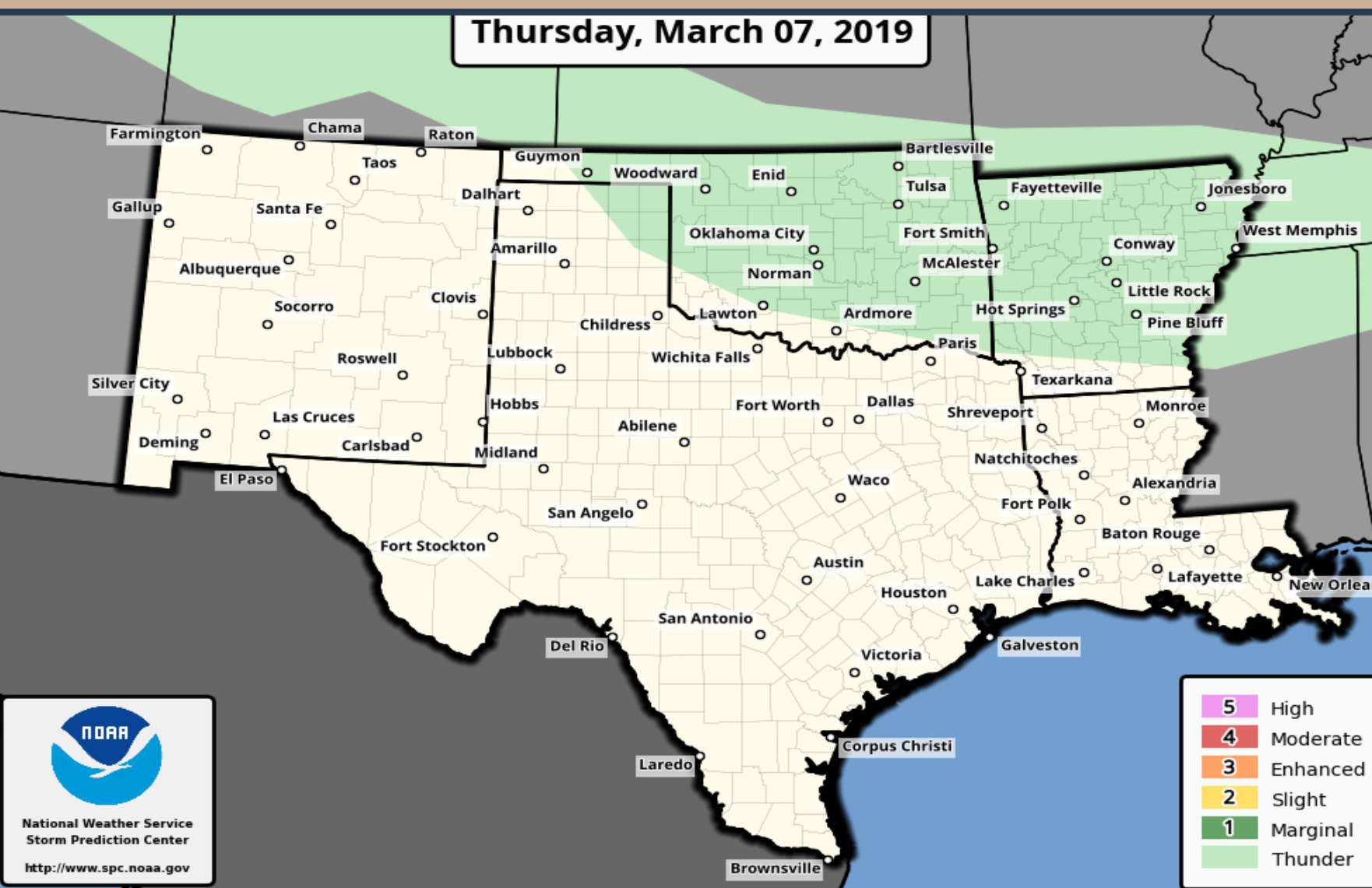
## Forecast Rainfall

No significant weather impacts expected.



## Severe Weather Outlook

## Excessive Rainfall Outlook

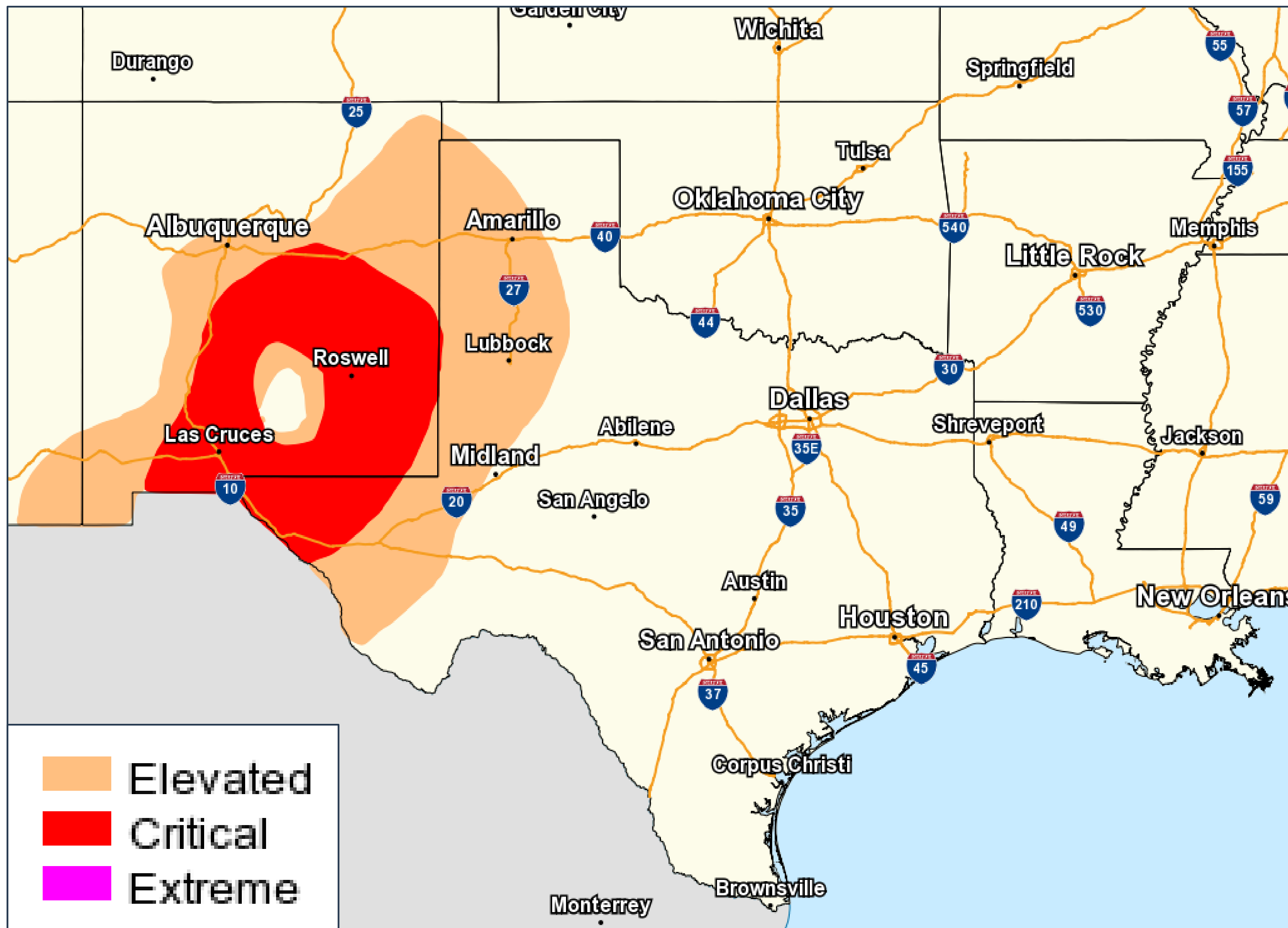




# Tomorrow's Fire Weather Outlook



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**Critical fire weather conditions expected  
across S & E NM and WTX.**



# Friday's Weather

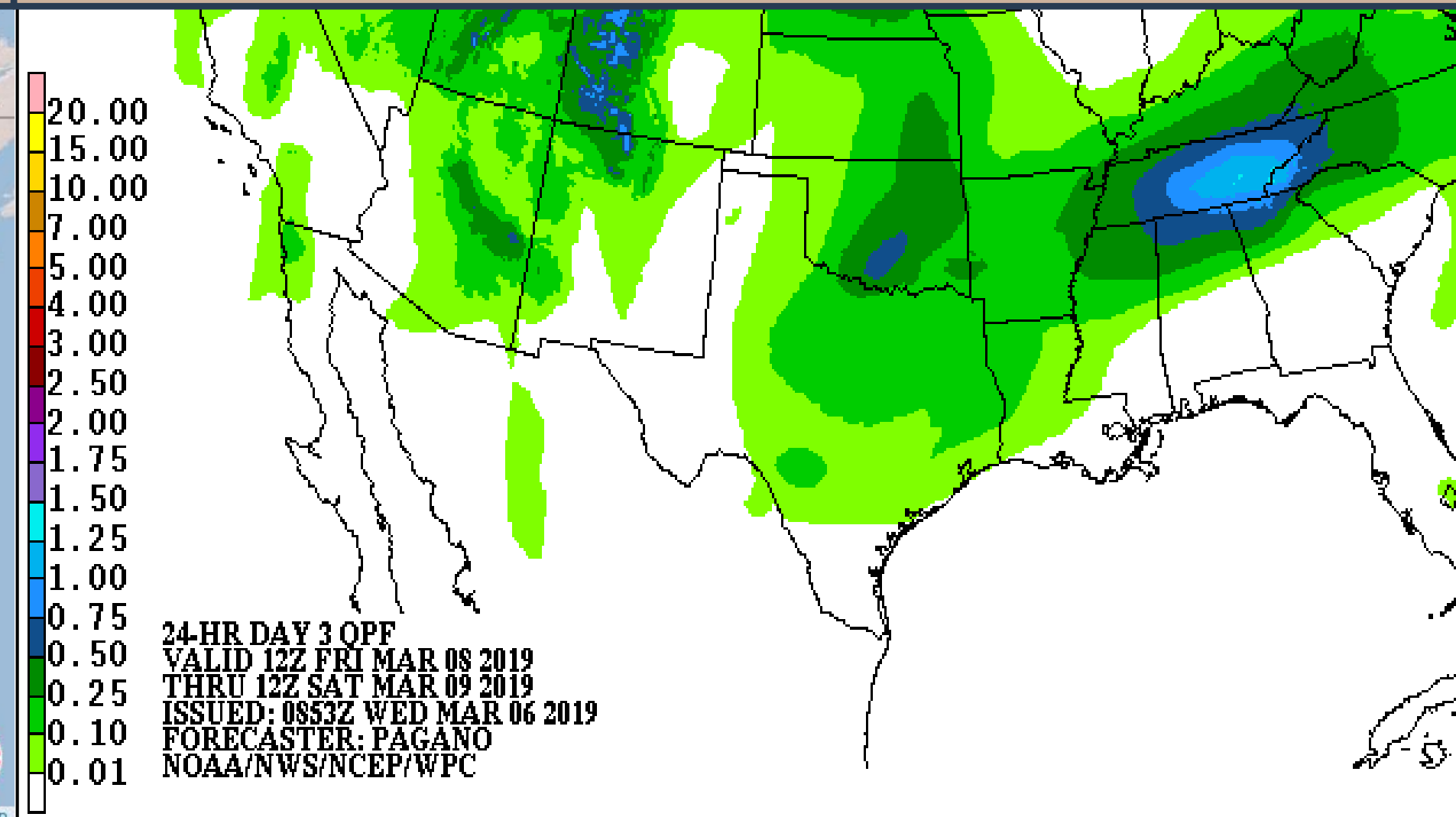
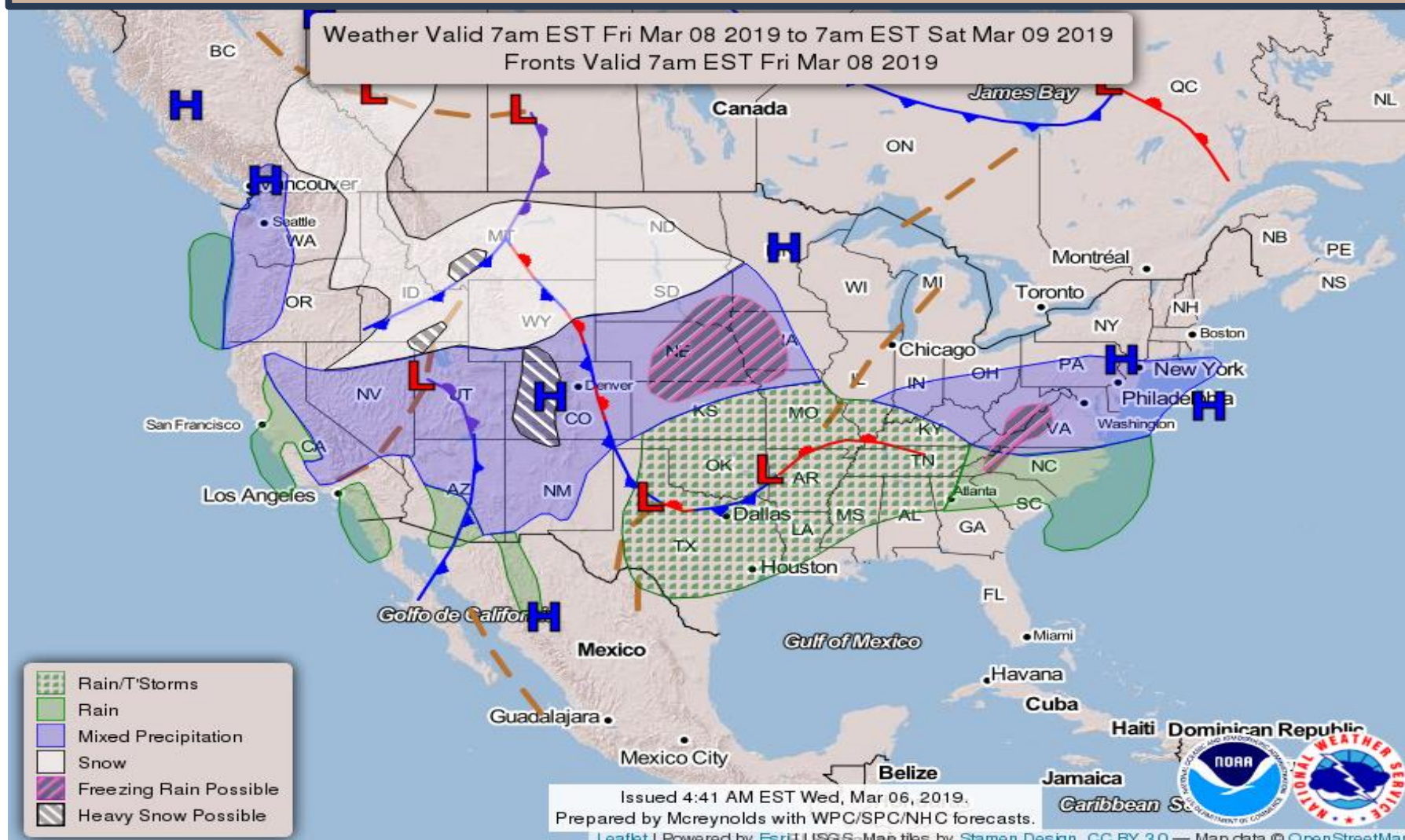


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## Forecast Chart

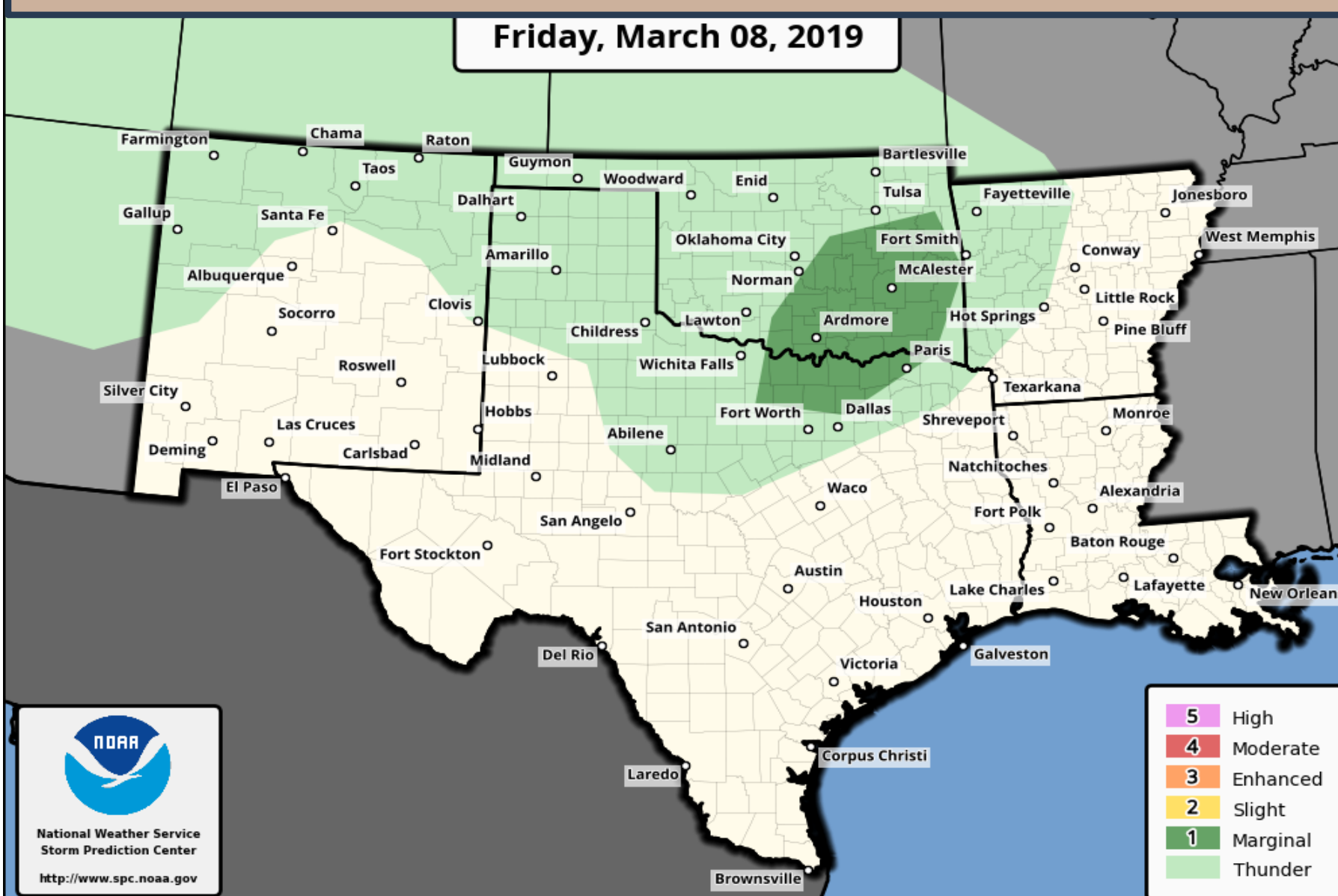
## Forecast Rainfall

**Marginal risk for severe storms (main threat is hail) over portions of SE OK/NTX.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



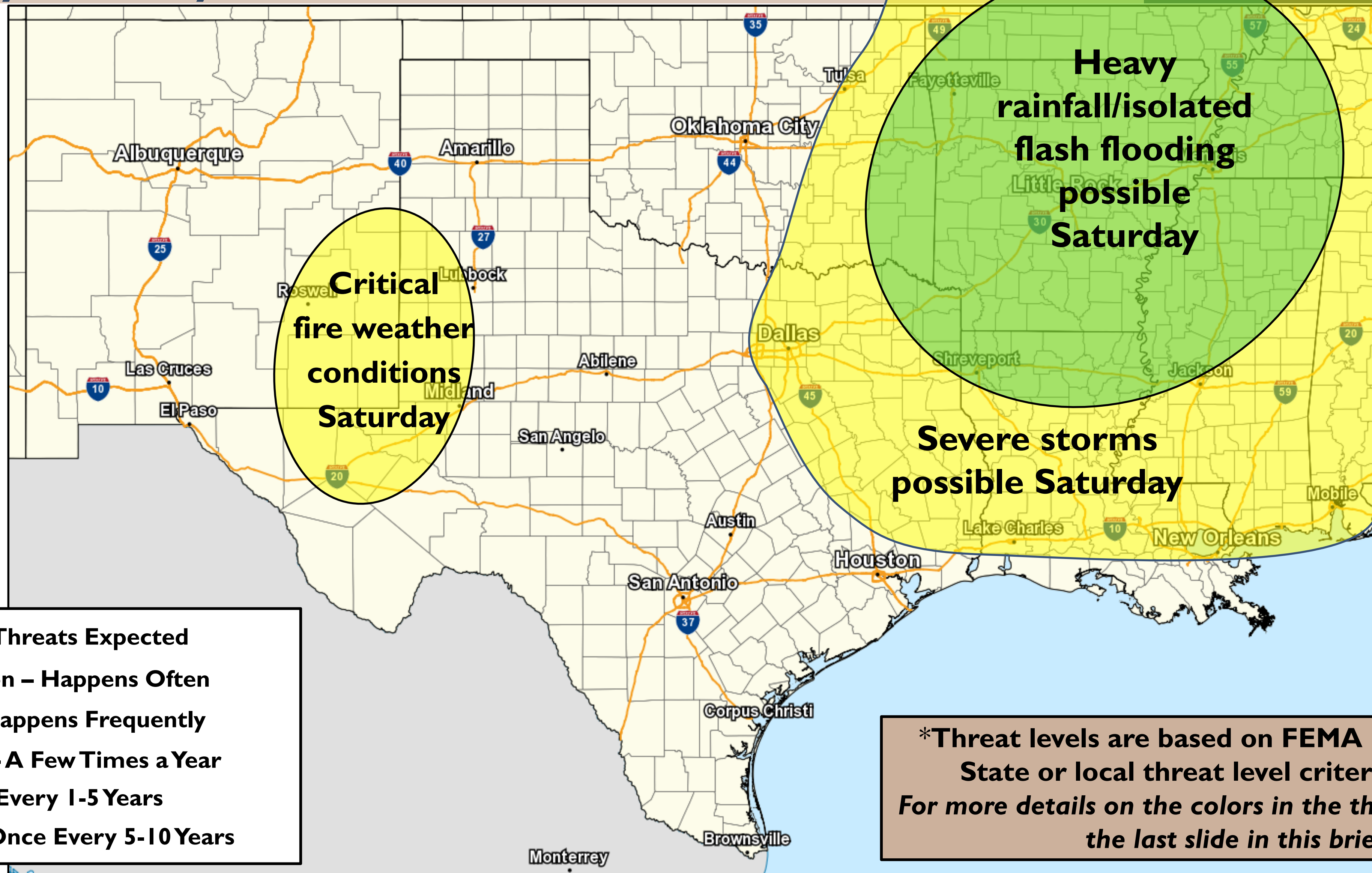


# Days 4-5 Weather Hazards

Saturday – Sunday



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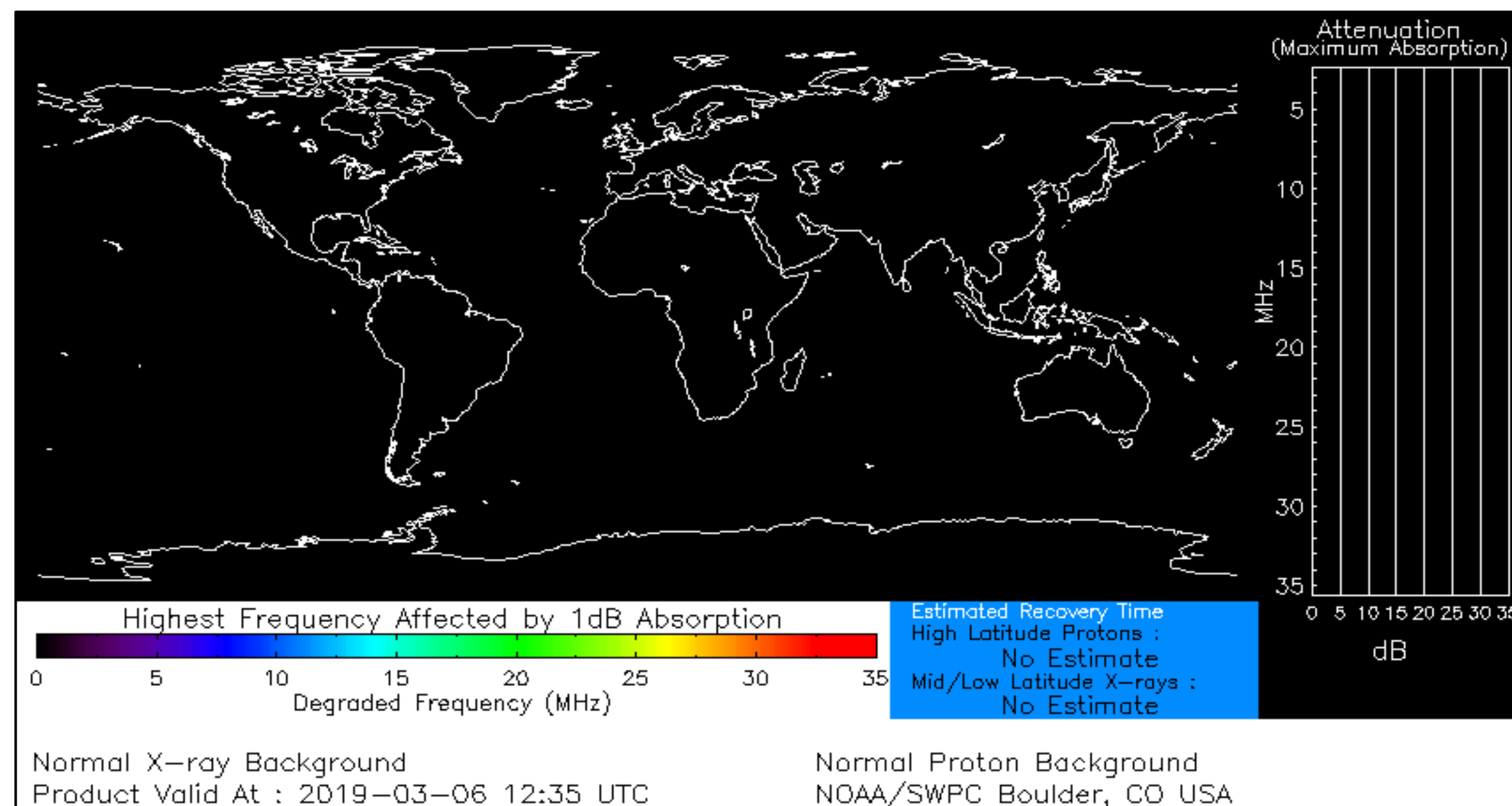


# Space Weather 3-Day Forecast



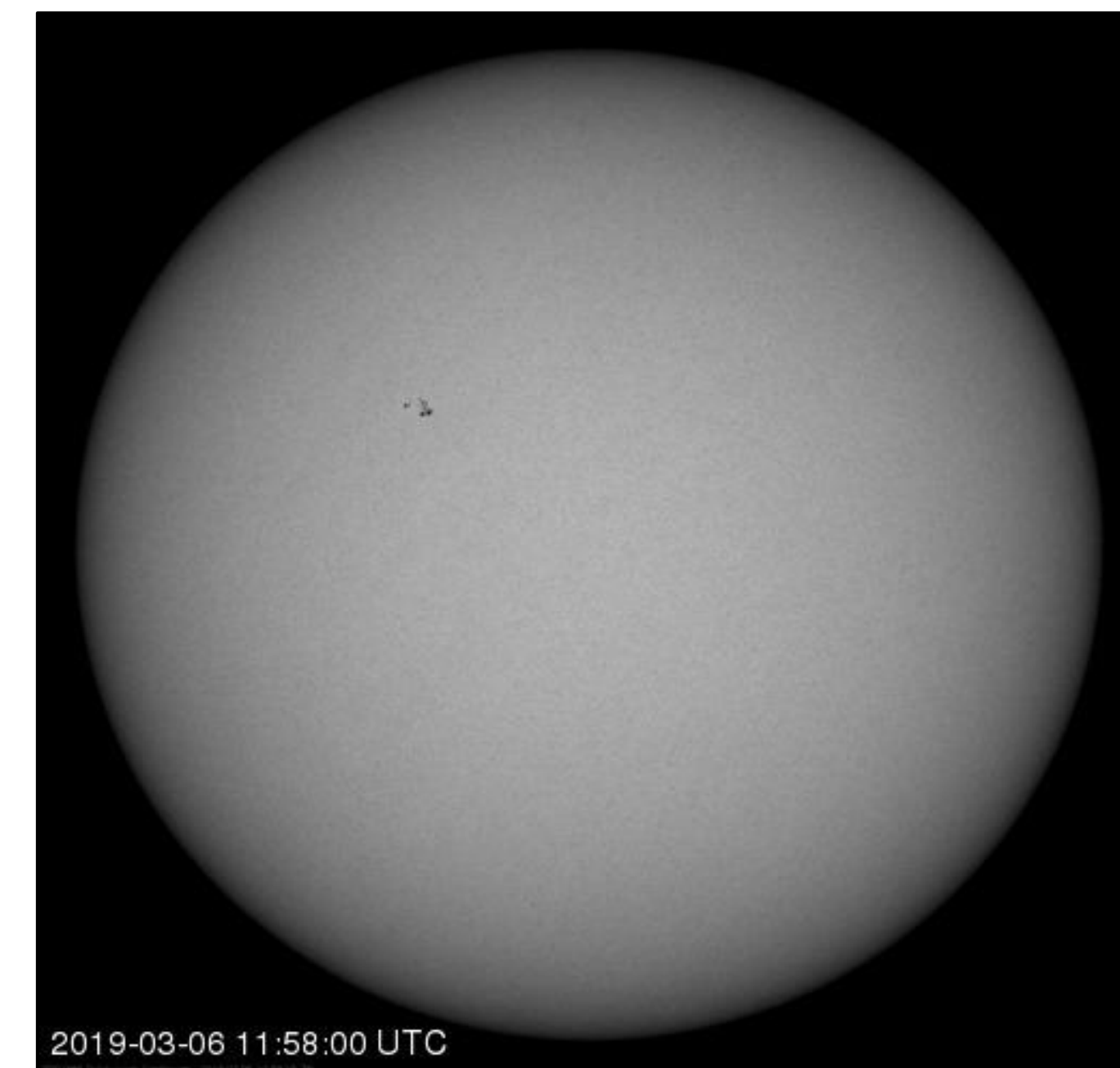
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**